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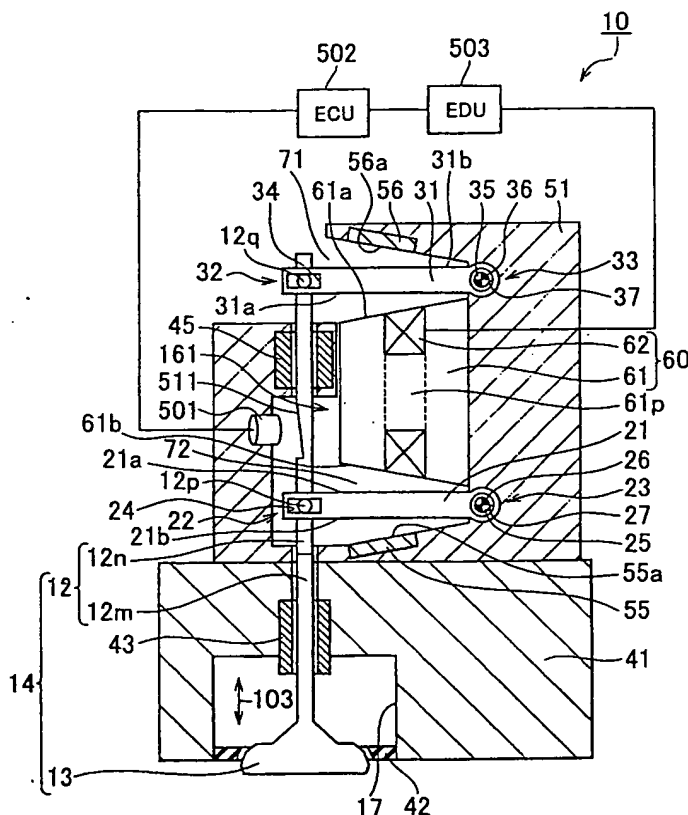
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(54) Title: ELECTROMAGNETICALLY DRIVEN VALVE



(57) Abstract: An electromagnetically driven valve (10) includes a drive valve (14) that is provided with a stem (12) serving as a valve stem and that reciprocates in a direction in which the stem (12) extends; a lower disk (21) serving as a first oscillating member and an upper disk (31) serving as a second oscillating member, each of which can oscillate by using a predetermined point in a disk base (51) as a supporting point, each of which is movably connected to the stem (12) at a first end (22, 32) and is movably supported by the disk base (51) at a second end (23, 33), and which are provided at a predetermined distance from each other; an electromagnet (60) which includes an open/close coil (62), and which is provided between the lower disk (21) and the upper disk (31); and a detector coil (501) which detects a position of at least one of the drive valve (14), the lower disk (21), and the upper disk (31). The electromagnetic force is applied to the lower disk (21) and the upper disk (31) when an electric current passes through the open/close coil (62). An amount of electric current that passes through the open/close coil (62) is determined based on the position of the drive valve (14) detected by the detector coil (501).

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